

# Purchase Order Receipt Listing

Monday, October 31, 2016 2:36:13 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO33859 Receipt Dates from 10/31/2016 to 10/31/2016 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name	VC-MET002 Metaux Solutions										
PO33859	2		M4140N- B1.500X1.5000	f	10/31/2016	10/31/2016	24.6700	\$44.71	0.0000	0	\$1,103.11
CAD	No		4140 Steel Bar 1.50 x f 1.50 ml35997		24.0000	PLOU01		\$1,103.11	0.0000	0	
	3		71401-45		10/31/2016	10/31/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES ml35997		1.0000	PLOU01		\$0.00	0.0000	0	

Total Received Quantity: 25.6700  
Total Qty to Inspect (PO U/M): 0.0000  
Total Reject Quantity: 0.0000  
Total Receipt Value: \$1,103.11  
Total Balance Due Quantity: 0.0000

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 **Tel. : 450 641-3330**

Shipping Order 19/10/2016

**Order** : 119482  
**Reference** : 33859  
**Ship** : PICK UP / PICK UP

**Customer :** 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

**Ship To**

Same

**Tel.:** 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
MSQ11241CDA	4140 SQU 1.500" COLD ANN ✓ 4 X 48" 2 X 52" ht,nf14201603 materriel dois etre normalise	24.67	24.67	0
	ship journey collect jp			

8216 10-31

**Shipping :** \_\_\_\_\_  
**Package No :** \_\_\_\_\_  
**Merchandise Received:** \_\_\_\_\_

**Ref. :** \_\_\_\_\_

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4140NB1.500X1.500

PO / BATCH NO.: 33859/135997

DATE: 11/10/03

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.500

QUANTITY RECEIVED: 24.67'

THICKNESS RECEIVED: 1.500

QUANTITY INSPECTED: 24.67'

SHEET SIZE ORDERED: \_\_\_\_\_

QUANTITY REJECTED: \_\_\_\_\_

SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	4140
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	1.500
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	A514 A103 as per Chris Email.
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	HEAT # 14201603
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	M4140NB1.500X1.500
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	M135997
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
<p>INSPECTED BY: <u>DAS 9</u></p> <p>DATE: <u>11-11-03</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

## Patrick Duval

---

**From:** Chris Provencal  
**Sent:** Thursday, November 03, 2016 2:45 PM  
**To:** David Shepherd  
**Cc:** William Monterroza; Patrick Duval  
**Subject:** NCR: M4140N-B deviation  
**Attachments:** A 108 – 03 ;QTEWOA\_\_.pdf; D3610-RevB.pdf

David,

We've received 4140 material for use in the D3610-041 Bracket (bracket for belt guide on D412-702-043) . The mat'l spec is ASTM A108, however the dwg calls for MIL-S-5626, AMS 6382. AMS 6349, AMS 6529.

ASTM A108 is for cold-finished steel bar. ASTM A108 references ASTM A29, which is the master ASTM document for carbon and alloy steel bars, which includes 4140 material. These are industry standard specs for 4140 steel bar and I've accepted the shipment.

As per the normal process for this part, we've received the material in the annealed condition and we will send the material to be normalized. We will get a cert for the heat treating confirming N condition.

I will create a PAR to update M4140N-B to add ASTM A108.

Chris

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

Certification Date  
18-OCT-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

41066-J

PART NUMBER/NUMÉRO DE PIÈCE

507344

Invoice Number  
T358624

SOLD TO: METAUX SOLUTIONS INC.  
VENDU À:

SHIP TO:  
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1L7

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1

Description: 4140 4142 CF ANN BAR

ASTM A108

1-1/2 SO X 12 R/L

Line Total: 189.8936 LB

HEAT: NF14201603

ITEM: 507344

Specifications:  
ASTM A108 13

## CHEMICAL ANALYSIS

C	MN	P	S	SI	CU	NI	CR
0.41	0.90	0.01	0.02	0.24	0.13	0.06	0.94
MO	V	NB	B	SN	TI	CA	CE
0.17	0.004	0.004	0.0003	0.006	0.001	0.0090	0.836

RCPT: R568122

COUNTRY OF ORIGIN : USA

## MECHANICAL PROPERTIES

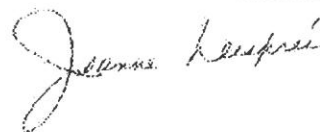
DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	PSI	PSI	IN 08 IN	IN AREA	BHN
	100000.0	105000.0	17.0	46.0	217

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date  
18-OCT-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T358624

41066-J  
PART NUMBER/NUMÉRO DE PIÈCE  
507344

<b>SOLD TO:</b> METAUX SOLUTIONS INC.	<b>SHIP TO:</b> METAUX SOLUTIONS (RIVE-SUD)
<b>VENDU À:</b> 2625 BOUL JACQUES CARTIER EST	2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7	LONGUEUIL QC J4N 1

Description: 4140/4142 CF ANN BAR

ASTM A108

Line Total: 189.8936 LB

1-1/2 SQ X 12' R/L

HEAT: NF14201603 ITEM: 507344

END-QUENCH HARDENABILITY (JOMINY - RC) IN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	57	57	57	57	56	55	53	52	50	49	47	47	46	44
16	18	20	22	24	26	28	32							
43	42	41	41	40	39	37	35							

IDEAL DIAMETER : 4.95 IN GRAIN SIZE : 5 -

STRAND CAST REDUCTION RATIO 18.0 TO 1  
MATERIAL IS FREE FROM MERCURY CONTAMINATION  
NO WELD REPAIR PERFORMED ON MATERIAL

## COMMENTS

\*ASTM A331 WITHDRAWN, REPLACED BY ASTM A108

ASTM A108 acceptable for  
4140 BAR  
DAS  
12 16/11/3  
9-89

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.  
The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES

*Joanne Despres*

MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

## Certificat de Conformité Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
314529	1

CLIENT / customer 780

METAUX SOLUTIONS

2625 BOUL. JACQUES-CARTIER EST

LONGUEUIL

QC JAN 1L7

LIVRÉ À / shipped to:

METAUX SOLUTIONS

2625 BOUL. JACQUES-CARTIER EST

LONGUEUIL

QC JAN 1L7

1

COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
41087	N/A	4148		
<b>SPÉCIFICATIONS DU PROCÉDÉ</b> processing specifications				
SEL NORMAL				
EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results	
HARDNESS	0 HRC MAX	8	28 - 31 HRC	
QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description		
6	187	PIECES (6) PIECES  1 PALETTE		

COMMENTAIRES / comments

APPROUVÉ par / Approved by:

DATE: 2016-10-23

Pierre Piché  
Chief Inspector



APPROUVÉ



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33859**

Purchase Order Date 10/5/2016 9:06:04 AM

PO Print Date 10/5/2016

Page Number 1 of 2

Order From :  
METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

VC-MET002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**E-MAILED**

OCT 05 2016

Contact Name  
Vendor Phone 800 558 8858

Ship To Contact  
Ship To Phone  
Ship Via: Journey Freight collect  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	--	------------------------	--------------------------------------	----	--------------------------------	---------------	----------------

1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	10/12/2016 Yes 10/12/2016		400.00 f	\$3.80	\$1,520.00
---	------------------	------------------------------	---------------------------------	--	-------------	--------	------------

MATERIA: AISI 304/316 STAINLESS STEEL SQUARE TUBING  
AS PER ASTM A554 MILL FINISH  
OR  
AS PER ASTM A269 MILL FINISH

8/16-10-17

Line Total: \$1,520.00

2	M4140N-B1.500X1.5000	4140 Steel Bar 1.50 x 1.50	10/19/2016 Yes 10/19/2016		24.00 f	\$58.65	\$1,407.60
---	----------------------	----------------------------	---------------------------------	--	------------	---------	------------

MATERIAL: AS PER AISI 4140N STEEL BAR PER  
MIL-S-5626 OR AMS 6382/6349/6529

PURCHASE MATERIAL 4140 SQUARE COLD ANN, MATERIAL WILL BHE HEAT TREAT TO 4140N BY METAUX SOLUTION.

NOTE: PRICE OF BAR INCLUDE HEAT TREAT

24.67

8/16-10-31

Line Total: \$1,407.60

Note:

10/5/2016





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33859**

Purchase Order Date 10/5/2016 9:06:04 AM

PO Print Date 10/5/2016

Page Number 2 of 2

Order From :  
METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

VC-MET002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 800 558 8858  
  
Ship To Contact  
Ship To Phone  
Ship Via: Journey Freight collect  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

3	71401-45	PROCUREMENT QUALITY CLAUSES	10/19/2016	1.00	✓	\$0.00	\$0.00
---	----------	--------------------------------	------------	------	---	--------	--------

No  
10/19/2016  
Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A017 RAW MATERIAL IDENTIFICATION (AS  
APPLICABLE)  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A040 NOTIFICATION OF QUALITY ESCAPE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENTS

Sp/16-10-31

Line Total: \$0.00

PO Total: \$2,927.60

U

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 10/5/2016